

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX010319\
 Data File : VX006893.D
 Acq On : 03 Jan 2019 14:32
 Operator : JC/MD
 Sample : VX0103WBSD01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0103WBSD01

Manual Integrations
 APPROVED

MMDadoda
 1/4/2019 10:01:25 AM

Quant Time: Jan 04 01:04:41 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X121818W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 19 15:20:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	537341	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	804945	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	723913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	367368	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	284545	49.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	98.26%	
35) Dibromofluoromethane	5.51	113	258813	50.84	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.68%	
50) Toluene-d8	8.71	98	933735	48.66	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.32%	
62) 4-Bromofluorobenzene	11.13	95	328184	46.69	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.38%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.20	85	77667	15.800	ug/l	100
3) Chloromethane	1.33	50	86793	16.389	ug/l	100
4) Vinyl Chloride	1.41	62	99334	17.959	ug/l	100
5) Bromomethane	1.64	94	100884	18.331	ug/l	99
6) Chloroethane	1.72	64	65818	17.186	ug/l	99
7) Trichlorofluoromethane	1.93	101	166589	19.318	ug/l	96
8) Diethyl Ether	2.19	74	66283	19.352	ug/l	98
9) 1,1,2-Trichlorotrifluoroet	2.39	101	97695	19.295	ug/l	99
10) Methyl Iodide	2.51	142	137318	18.946	ug/l	99
11) Tert butyl alcohol	3.07	59	143286	110.864	ug/l	100
12) 1,1-Dichloroethene	2.37	96	90069	18.761	ug/l	98
13) Acrolein	2.29	56	77904	89.351	ug/l	97
14) Allyl chloride	2.73	41	157458	19.484	ug/l	98
15) Acrylonitrile	3.15	53	311586	108.581	ug/l	99
16) Acetone	2.45	43	261948	98.452	ug/l	98
17) Carbon Disulfide	2.57	76	181330	14.272	ug/l	98
18) Methyl Acetate	2.78	43	187813	24.006	ug/l	100
19) Methyl tert-butyl Ether	3.21	73	343504	21.557	ug/l	99
20) Methylene Chloride	2.86	84	110734	20.127	ug/l	97
21) trans-1,2-Dichloroethene	3.17	96	99755	18.753	ug/l	98
22) Diisopropyl ether	3.87	45	321637	21.756	ug/l	93
23) Vinyl Acetate	3.82	43	1259305	104.136	ug/l	99
24) 1,1-Dichloroethane	3.70	63	175287	19.862	ug/l	99
25) 2-Butanone	4.70	43	391494	104.606	ug/l	98
26) 2,2-Dichloropropane	4.59	77	121340	17.799	ug/l	99
27) cis-1,2-Dichloroethene	4.60	96	117036	19.941	ug/l	99
28) Bromochloromethane	5.01	49	74989	19.008	ug/l	96
29) Tetrahydrofuran	5.15	42	262620	106.541	ug/l	98
30) Chloroform	5.21	83	184452	20.183	ug/l	96
31) Cyclohexane	5.58	56	142016	17.713	ug/l	96
32) 1,1,1-Trichloroethane	5.50	97	152382	19.746	ug/l	98
36) 1,1-Dichloropropene	5.80	75	126693	19.004	ug/l	100
37) Ethyl Acetate	4.85	43	150332	21.665	ug/l	98
38) Carbon Tetrachloride	5.79	117	127551	19.687	ug/l	94

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
39) Methylcyclohexane	7.46	83	151681	17.282	ug/l	98
40) Benzene	6.14	78	404799	19.975	ug/l	99
41) Methacrylonitrile	5.06	41	82023	22.265	ug/l	97
42) 1,2-Dichloroethane	6.20	62	142837	20.685	ug/l	100
43) Isopropyl Acetate	6.46	43	232297	22.002	ug/l	99
44) Trichloroethene	7.21	130	120690	19.677	ug/l	98
45) 1,2-Dichloropropane	7.51	63	104021	21.093	ug/l	98
46) Dibromomethane	7.66	93	72686	20.038	ug/l	97
47) Bromodichloromethane	7.90	83	124095	20.606	ug/l	96
48) Methyl methacrylate	7.77	41	117928	21.965	ug/l	97
49) 1,4-Dioxane	7.75	88	58893	407.457	ug/l	99
51) 4-Methyl-2-Pentanone	8.65	43	752589	112.031	ug/l	100
52) Toluene	8.78	92	260945	19.932	ug/l	99
53) t-1,3-Dichloropropene	9.04	75	128647	19.918	ug/l	98
54) cis-1,3-Dichloropropene	8.43	75	146615	20.688	ug/l	97
55) 1,1,2-Trichloroethane	9.21	97	115278	21.512	ug/l	98
56) Ethyl methacrylate	9.18	69	161835	21.367	ug/l	97
57) 1,3-Dichloropropane	9.37	76	180557	20.942	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.31	63	417985	103.820	ug/l	99
59) 2-Hexanone	9.49	43	569432	110.789	ug/l	98
60) Dibromochloromethane	9.59	129	105208	20.223	ug/l	98
61) 1,2-Dibromoethane	9.67	107	117343	20.599	ug/l	97
64) Tetrachloroethene	9.34	164	119435	20.835	ug/l	99
65) Chlorobenzene	10.14	112	304403	19.876	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.22	131	106415	22.271	ug/l	99
67) Ethyl Benzene	10.25	91	493315	19.712	ug/l	99
68) m/p-Xylenes	10.36	106	386789	39.168	ug/l	100
69) o-Xylene	10.70	106	192055	19.695	ug/l	98
70) Styrene	10.71	104	312126	20.232	ug/l	100
71) Bromoform	10.86	173	74251	20.151	ug/l	98
73) Isopropylbenzene	11.02	105	504311	20.066	ug/l	100
74) N-amyl acetate	10.90	43	202428	22.502	ug/l	98
75) 1,1,2,2-Tetrachloroethane	11.27	83	163417	21.864	ug/l	100
76) 1,2,3-Trichloropropane	11.29	75	155502m	22.777	ug/l	
77) Bromobenzene	11.26	156	138011	20.312	ug/l	99
78) n-propylbenzene	11.36	91	557837	20.156	ug/l	99
79) 2-Chlorotoluene	11.42	91	332223	19.808	ug/l	99
80) 1,3,5-Trimethylbenzene	11.51	105	410886	19.849	ug/l	99
81) trans-1,4-Dichloro-2-buten	11.07	75	37160	19.394	ug/l	92
82) 4-Chlorotoluene	11.51	91	383259	19.922	ug/l	99
83) tert-Butylbenzene	11.77	119	408973	19.740	ug/l	97
84) 1,2,4-Trimethylbenzene	11.80	105	426801	19.602	ug/l	100
85) sec-Butylbenzene	11.94	105	496354	19.540	ug/l	99
86) p-Isopropyltoluene	12.06	119	445517	19.952	ug/l	99
87) 1,3-Dichlorobenzene	12.02	146	239251	19.538	ug/l	98
88) 1,4-Dichlorobenzene	12.10	146	243404	19.389	ug/l	100
89) n-Butylbenzene	12.39	91	363622	19.135	ug/l	99
90) Hexachloroethane	12.60	117	60425	19.445	ug/l	97
91) 1,2-Dichlorobenzene	12.39	146	246777	20.145	ug/l	99
92) 1,2-Dibromo-3-Chloropropan	13.00	75	31817	20.573	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	13.65	180	160094	18.946	ug/l	99
94) Hexachlorobutadiene	13.78	225	70804	17.777	ug/l	98
95) Naphthalene	13.83	128	510255	18.920	ug/l	100
96) 1,2,3-Trichlorobenzene	14.02	180	164979	18.910	ug/l	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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